

**Flood Control Project Maintenance
Levee Inspections**

Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0307	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0307 Lisbon	U	6.56						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.07	0.17	0.75	11.43%				
Trim / Thin Trees	0.06		0.06	0.91%				
Encroachments	0.07	0.02	0.15	2.29%	0.05	0.10		
Animal Control	1.57	0.03	1.69	25.75%				
Flood Preparedness & Training	0.07		0.07	1.07%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.46		0.46	7.01%				
DWR UCIP Field Study					0.28	0.04		
<i>LMA Totals:</i>	2.30	0.22	3.18	48.46%	0.33	0.14	0.00	0.00

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0307	U	6.56						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.07	0.17	0.75	11.43%				
Trim / Thin Trees	0.06		0.06	0.91%				
Encroachments	0.07	0.02	0.15	2.29%	0.05	0.10		
Animal Control	1.57	0.03	1.69	25.75%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.46		0.46	7.01%				
DWR UCIP Field Study					0.28	0.04		
<i>Unit Totals:</i>	2.23	0.22	3.11	47.39%	0.33	0.14	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2016 Levee Inspection Results

Reclamation District No. 0307 Lisbon

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0307 Lisbon

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	6.56
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/17/2016 - 3/17/2016		10/26/2016 - 10/26/2016	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Pete Dwyer RD 307		Pete Dwyer RD 307	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	34
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_34				
Comment Code					
Inspector Comment					
RD 307 has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_35				
Comment Code					
Inspector Comment					
The District according to Mr. Pete Dwyer, is part of the Delta Emergency plan where supplies are kept in a central location that they can gain access to if and when needed.					

No Photos

LM Start		Rating **	M	Issue No.	36
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0307_01_f_2014_36				
Comment Code					
Inspector Comment					
RD 307 hasn't been to any recent training classes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	0.05	Rating **	A	Issue No.	54
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.479450 °	38.455925 °
				-121.548897 °	-121.503509 °
DWR ID	DWR_RD0307_01_f_2016_54				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation on landside levee slope from levee miles 0.05-3.53.					

Photo 1 of 1 : FA_2016_RD0307_166_54_20161026_00099.jpg



RD 307 Levee mile 0.05 looking downstream at the landside levee slope.

LM Start	0.06	Rating **	A	Issue No.	55
LM End	3.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.479378 °	38.458627 °
				-121.548790 °	-121.504095 °
DWR ID	DWR_RD0307_01_f_2016_55				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation along levee miles 0.06 through levee mile3.34 waterside slope and shouler.					

No Photos

LM Start	0.15	Rating **	C	Issue No.	57
LM End	0.15	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.478460 °	38.478460 °
				-121.547633 °	-121.547633 °
DWR ID	DWR_RD0307_01_s_2016_57				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	0.16	Rating **	M	Issue No.	56
LM End	0.16	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.478347 °	38.478347 °
				-121.547360 °	-121.547360 °
DWR ID	DWR_RD0307_01_f_2016_56				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the debris from the waterside slope.					

No Photos

LM Start	0.45	Rating **	U	Issue No.	112
LM End	0.45	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.475542 °	38.475542 °
				-121.543566 °	-121.543566 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42934 DS_ID:21657 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe heavily corroded and will likely need replacement if 15-inch pipe sleeved through it needs replacement. Annular space not grouted between two pipes. FIELD_STRUCT_DESC: 20-inch steel irrigation pipe through the levee 16.7 feet below the crown. 15-inch pipe sleeved through this pipe. Pump missing from abandoned steel pier on WS toe. Walkway from shoulder to pier missing or abandoned. Originally included in the 1959 O&M manual. FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_42934_28733.jpg



Abandoned wakway and metal pier on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	0.45	Rating **	U	Issue No.	112 (cont)	
LM End	0.45	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.475542 °		38.475542 °
				-121.543566 °		-121.543566 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:42934						
DS_ID:21657						
EP_NO: N/A						
Repair Type: Urgent						
Crossing Status: Found						
UCIP Comments: Pipe heavily corroded and will likely need replacement if 15-inch pipe sleeved through it needs replacement.						
Annular space not grouted between two pipes.						
FIELD_STRUCT_DESC: 20-inch steel irrigation pipe through the levee 16.7 feet below the crown. 15-inch pipe sleeved through this pipe.						
Pump missing from abandoned steel pier on WS toe. Walkway from shoulder to pier missing or abandoned. Originally included in the 1959 O&M manual.						
FS Date: 7/31/2013						

Photo 2 of 2 : UCIP_FA_2016_42934_28732.jpg



Pipe at outlet on LS toe.

LM Start	0.45	Rating **	U	Issue No.	82
LM End	0.45	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.475542 °	38.475542 °
				-121.543566 °	-121.543566 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16743 DS_ID:21656 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe heavily corroded at outlet on LS toe. Holes on bottom of pipe at outlet and internal circumference shows heavy exfoliation. Pipe failing internally. Recommend replacement or video inspection before continuing use. FIELD_STRUCT_DESC: 1 of 2: 15-inch steel irrigation pipe sleeved through 21-inch steel conduit, through the levee 16.7 feet below crown. Slant pump, gate valve, concrete headwall, electrical control pane, and abandoned pier on WS slope. Concrete U-shaped outlet with flap gate on LS toe. Service pole on the landward slope with anchor. FS Date: 7/31/2013 9:44:32 AM					

Photo 1 of 2 : UCIP_FA_2016_16743_28722.jpg



15-inch pipe sleeved through 21-inch pipe on WS slope at headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	0.45	Rating **	U	Issue No.	82 (cont)	
LM End	0.45	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.475542 °		38.475542 °
				-121.543566 °		-121.543566 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16743 DS_ID:21656 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe heavily corroded at outlet on LS toe. Holes on bottom of pipe at outlet and internal circumference shows heavy exfoliation. Pipe failing internally. Recommend replacement or video inspection before continuing use. FIELD_STRUCT_DESC: 1 of 2: 15-inch steel irrigation pipe sleeved through 21-inch steel conduit, through the levee 16.7 feet below crown. Slant pump, gate valve, concrete headwall, electrical control pane, and abandoned pier on WS slope. Concrete U-shaped outlet with flap gate on LS toe. Service pole on the landward slope with anchor. FS Date: 7/31/2013 9:44:32 AM						

Photo 2 of 2 : UCIP_FA_2016_16743_28721.jpg



Pipe, gate valve, pump, and abandoned metal pier on WS slope.

LM Start	0.58	Rating **	M	Issue No.	58
LM End	0.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474583 °	38.474583 °
				-121.541523 °	-121.541523 °
DWR ID	DWR_RD0307_01_f_2016_58				
Comment Code					
PI : Pipe					
Inspector Comment					
The sand filter and concrete foundation is under new ownership and they are working with CVFPB for a permit to retain this Encroachment.					

Photo 1 of 2 : FA_2016_RD0307_166_58_20161027_00107.jpg



New pipe added to the filtration system installed, no permit issued for encroachment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	0.58	Rating **	M	Issue No.	58 (cont)	
LM End	0.58	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.474583 °		38.474583 °
				-121.541523 °		-121.541523 °
DWR ID	DWR_RD0307_01_f_2016_58					
Comment Code						
PI : Pipe						
Inspector Comment						
The sand filter and concrete foundation is under new ownership and they are working with CVFPB for a permit to retain this Encroachment.						

Photo 2 of 2 : FA_2016_RD0307_166_58_20161027_00108.jpg



Sand filter and new power pole, panel box, electrical conduit and tanks on easement. Levee mile 0.58.

LM Start	0.58	Rating **	M	Issue No.	4
LM End	0.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474533 °	38.474533 °
				-121.541470 °	-121.541468 °
DWR ID	DWR_RD0307_01_f_2014_4				
Comment Code					
EQ : Equipment					
Inspector Comment					
The land owner need to remove the equipment from the landside easement.					

Photo 1 of 1 : FA_2016_RD0307_166_4_20161027_00106.jpg



LM Start	0.92	Rating **	M	Issue No.	5
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472863 °	38.472863 °
				-121.535675 °	-121.535675 °
DWR ID	DWR_RD0307_01_f_2014_5				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the discarded appliance from the levee section.					

Photo 1 of 1 : FA_2016_RD0307_166_5_20160913_00003.jpg



Discarded appliance on the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	0.92	Rating **	U	Issue No.	61
LM End	0.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472895 °	38.472895 °
				-121.535525 °	-121.535525 °
DWR ID	DWR_RD0307_01_s_2016_61				
Comment Code					
PI : Pipe					
Inspector Comment					
This sand filter, power pole panel box and concrete slab all within the 10-foot easement.					

Photo 1 of 1 : FA_2016_RD0307_166_61_20160913_00012.jpg



Sand filter, power pole and panel box within the 10-foot easement.

LM Start	0.93	Rating **	M	Issue No.	83
LM End	0.93	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472872 °	38.472872 °
				-121.535542 °	-121.535542 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17103					
DS_ID:24014					
EP_NO: 18229					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe open on both ends. Need to install caps.					
FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized iron pipe through the					
levee 2.0 feet below the crown (Permit No. 18229, 2007).					
FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_17103_29202.jpg



Conduit visible 2-feet below the crown on the LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	0.93	Rating **	M	Issue No.	83 (cont)	
LM End	0.93	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.472872 °		38.472872 °
				-121.535542 °		-121.535542 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17103 DS_ID:24014 EP_NO: 18229 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Need to install caps. FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized iron pipe through the levee 2.0 feet below the crown (Permit No. 18229, 2007). FS Date: 7/31/2013						

Photo 2 of 2 : UCIP_FA_2016_17103_29201.jpg



Conduit visible under first step of walkway to pump on WS shoulder.

LM Start	1.08	Rating **	M	Issue No.	95
LM End	1.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472870 °	38.472870 °
				-121.532750 °	-121.532750 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16764 DS_ID:21659 EP_NO: 8012 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe rusted through at outlet on LS of shutoff valve. This may be good indicator or corrosion throughout pipe. This is a good candidate for video inspection. FIELD_STRUCT_DESC: 1 of 2: 20-inch steel pipe through levee 7.4 feet below crown. Walkway from the waterward shoulder to pump on pile structure in stream. Distribution box and gate valve at toe of landward slope. Service pole on the landward side (Permit No. 8012, 1972). Originally included in the 1959 O&M manual. FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_16764_28764.jpg



Pipe and JP/meter on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.08	Rating **	M	Issue No.	95 (cont)	
LM End	1.08	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.472870 °		38.472870 °
				-121.532750 °		-121.532750 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16764						
DS_ID:21659						
EP_NO: 8012						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe rusted through at outlet on LS of shutoff valve.						
This may be good indicator or corrosion throughout pipe. This is a good						
candidate for video inspection.						
FIELD_STRUCT_DESC: 1 of 2: 20-inch steel pipe through levee 7.4						
feet below crown. Walkway from the waterward shoulder to pump on						
pile structure in stream. Distribution box and gate valve at toe of						
landward slope. Service pole on the landward side (Permit No. 8012,						
1972). Originally included in the 1959 O&M manual.						
FS Date: 7/31/2013						

Photo 2 of 2 : UCIP_FA_2016_16764_28763.jpg



Pipe, gate valve, and concrete distribution box on LS toe.

LM Start	1.08	Rating **	M	Issue No.	96
LM End	1.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472874 °	38.472874 °
				-121.532611 °	-121.532611 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16766					
DS_ID:21660					
EP_NO: 3324					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Walkway completely obscured by vegetation on WS slope.					
FIELD_STRUCT_DESC: 1.25-inch electrical conduit through the levee 10.0 feet below the crown. Corrugated metal stage recorder house and walkway on the waterward slope. Service pole on the landward slope (Permit No. 3324, 1960).					
FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_16766_28769.jpg



Metal walkway visible in brush on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.08	Rating **	M	Issue No.	96 (cont)	
LM End	1.08	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.472874 °	38.472874 °	
				-121.532611 °	-121.532611 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16766						
DS_ID:21660						
EP_NO: 3324						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Walkway completely obscured by vegetation on WS slope.						
FIELD_STRUCT_DESC: 1.25-inch electrical conduit through the levee 10.0 feet below the crown. Corrugated metal stage recorder house and walkway on the waterward slope. Service pole on the landward slope (Permit No. 3324, 1960).						
FS Date: 7/31/2013						

Photo 2 of 2 : UCIP_FA_2016_16766_28768.jpg



Metal walkway visible in brush on WS slope.

LM Start	1.10	Rating **	C	Issue No.	7
LM End	1.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.472882 °	38.472867 °
				-121.532300 °	-121.531983 °
DWR ID	DWR_RD0307_01_f_2014_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Bambo on waterside slope and shoulder, spray after cutting.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

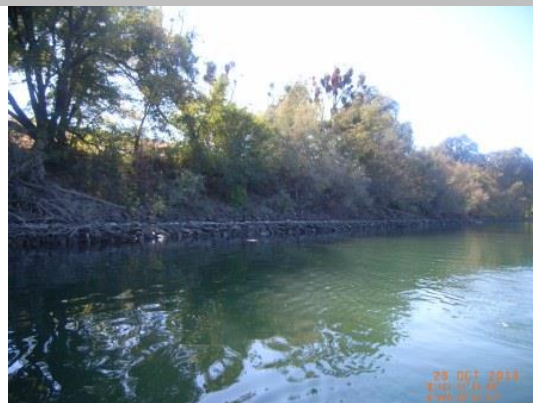
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.16	Rating **	M	Issue No.	63
LM End	1.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472857 °	38.472878 °
				-121.531120 °	-121.530997 °
DWR ID	DWR_RD0307_01_s_2016_63				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the debris listed from the landside slope.					

No Photos

LM Start	1.17	Rating **	M	Issue No.	1
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.473059 °	38.473082 °
				-121.530988 °	-121.528437 °
DWR ID	DWR_RD0307_01_s_2016_1				
Comment Code					
Inspector Comment					
2012 - Bank is slowly eroding, old rock protection starting to unravel. 2015: No observed changes. [2015 Site ID: SAC_48-6_R]					

Photo 1 of 1 : FA_2016_RD0307_166_1_20160913_00001.jpg



USACE 2013 Photo #1

LM Start	1.29	Rating **	U	Issue No.	9
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472827 °	38.472827 °
				-121.528785 °	-121.528785 °
DWR ID	DWR_RD0307_01_f_2014_9				
Comment Code					
TR : Tree or limb					
Inspector Comment					
I have instructed the RD to schedule with his contractor to cut this tree up and have it removed from the levee section.					

Photo 1 of 1 : FA_2016_RD0307_166_9_20160913_00005.jpg



This tree needs to be removed from the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.31	Rating **	M	Issue No.	64
LM End	1.31	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472855 °	38.472855 °
				-121.528435 °	-121.528435 °
DWR ID	DWR_RD0307_01_s_2016_64				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree limbs from the waterside slope.					

No Photos

LM Start	1.35	Rating **	M	Issue No.	10
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472880 °	38.472880 °
				-121.527733 °	-121.527733 °
DWR ID	DWR_RD0307_01_f_2014_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The RD will schedule to have these trees cut up and removed from the waterside levee section as soon as possible.					

Photo 1 of 1 : FA_2016_RD0307_166_10_20160913_00006.jpg



Remove unwanted trees from waterside slope. These trees are dead and are resting on the slope.

LM Start	1.50	Rating **	M	Issue No.	67
LM End	2.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.473113 °	38.464202 °
				-121.524845 °	-121.505330 °
DWR ID	DWR_RD0307_01_s_2016_67				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Need bait stations in place on the landside shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

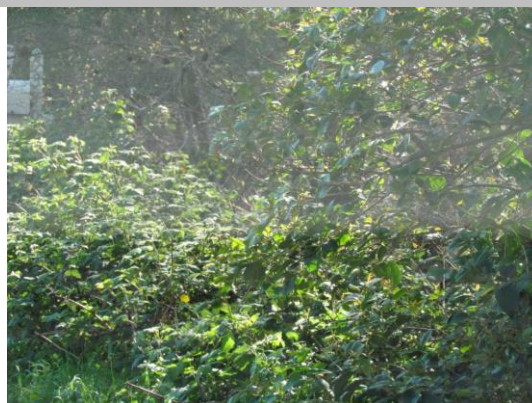
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.51	Rating **	U	Issue No.	60
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.473075 °	38.473083 °
				-121.524747 °	-121.524102 °
DWR ID	DWR_RD0307_01_f_2016_60				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.59	Rating **	U	Issue No.	69
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473190 °	38.473240 °
				-121.523260 °	-121.521942 °
DWR ID	DWR_RD0307_01_s_2016_69				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Spray the berry vines present at this location.					

Photo 1 of 1 : FA_2016_RD0307_166_69_20160913_00013.jpg



Looking downstream from levee miles 1.59-1.66 slope covered in berry vines.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.62	Rating **	M	Issue No.	84
LM End	1.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.473129 °	38.473129 °
				-121.522717 °	-121.522717 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:17105
DS_ID:24017
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for crossing or boat dock/steel ramp.
FIELD_STRUCT_DESC: 2 of 2: 1.5-inch PVC pipe through the levee 2-feet below the crown. Metal walkway/pier on WS slope. Possible pump on LS slope with filter tanks.
FS Date: 7/31/2013

LM Start	1.62	Rating **	M	Issue No.	84 (cont)
LM End	1.62	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_17105_29207.jpg



Possible pump and filter station on LS slope.

Photo 2 of 2 : UCIP_FA_2016_17105_29206.jpg



Pipes visible on WS shoulder at steel walkway.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.62	Rating **	M	Issue No.	85
LM End	1.62	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.473129 °	38.473129 °
				-121.522717 °	-121.522717 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17106 DS_ID:24016 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1 of 2: 1.5-inch PVC pipe through the levee 2-feet below the crown. Metal walkway/pier on WS slope. Possible pump, Filter, and tanks on LS slope. FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_17106_29210.jpg



Possible pump and filter plant on LS slope.

LM Start	1.62	Rating **	M	Issue No.	85 (cont)
LM End	1.62	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_17106_29209.jpg



Pipes visible on WS shoulder at metal ramp.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.66	Rating **	M	Issue No.	70
LM End	1.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473243 °	38.473243 °
				-121.521938 °	-121.521938 °
DWR ID	DWR_RD0307_01_s_2016_70				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree need to be removed from the water side levee section.					

No Photos

LM Start	1.72	Rating **	M	Issue No.	71
LM End	1.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473352 °	38.473352 °
				-121.520852 °	-121.520852 °
DWR ID	DWR_RD0307_01_s_2016_71				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree from the waterside slope.					

No Photos

LM Start	1.74	Rating **	C	Issue No.	72
LM End	1.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473298 °	38.473257 °
				-121.520572 °	-121.519342 °
DWR ID	DWR_RD0307_01_s_2016_72				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The issue has been corrected.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.82	Rating **	C	Issue No.	15
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.473255 °	38.473255 °
				-121.519110 °	-121.519105 °
DWR ID	DWR_RD0307_01_f_2014_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.82	Rating **	M	Issue No.	97
LM End	1.82	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.473249 °	38.473249 °
				-121.519095 °	-121.519095 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16805 DS_ID:21663 EP_NO: 8016 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs to be abandoned properly. FIELD_STRUCT_DESC: *ABANDONED* 8-inch iron pipe through the levee 15.7 feet below the crown. No connection in pump house on the LS toe, but 8-inch outlet pipe remains at connection from pumphouse to concrete standpipe. (Permit No. 8016, 1972). Pipe capped at both ends according to Permit No. 18209 for replacement pipe. Originally included in the 1959 O&M manual. FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_16805_28806.jpg



Remnants of abandoned pipe visible in pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.82	Rating **	M	Issue No.	97 (cont)	
LM End	1.82	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.473249 °		38.473249 °
				-121.519095 °		-121.519095 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16805 DS_ID:21663 EP_NO: 8016 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs to be abandoned properly. FIELD_STRUCT_DESC: *ABANDONED* 8-inch iron pipe through the levee 15.7 feet below the crown. No connection in pump house on the LS toe, but 8-inch outlet pipe remains at connection from pumphouse to concrete standpipe. (Permit No. 8016, 1972). Pipe capped at both ends according to Permit No. 18209 for replacement pipe. Originally included in the 1959 O&M manual. FS Date: 7/31/2013						

Photo 2 of 2 : UCIP_FA_2016_16805_28805.jpg



Concrete distribution box at LS toe.

LM Start	1.86	Rating **	U	Issue No.	73
LM End	1.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473182 °	38.473243 °
				-121.518280 °	-121.518078 °
DWR ID	DWR_RD0307_01_s_2016_73				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cut up oak tree from the levee section waterside and landside.					

Photo 1 of 3 : FA_2016_RD0307_166_73_20160913_00014.jpg



Looking downstream from levee mile 1.86 cut up fallen tree on shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	1.86	Rating **	U	Issue No.	73 (cont)	
LM End	1.87	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.473182 °	38.473243 °	
				-121.518280 °	-121.518078 °	
DWR ID	DWR_RD0307_01_s_2016_73					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Remove the cut up oak tree from the levee section waterside and landside.						

LM Start	1.86	Rating **	U	Issue No.	73 (cont)
LM End	1.87	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : FA_2016_RD0307_166_73_20160913_00015.jpg



Looking downstream toward levee mile 1.87 fallen tree on shoulder.

Photo 3 of 3 : FA_2016_RD0307_166_73_20160913_00016.jpg



Waterside shoulder levee mile 1.86 more of the cut up oak.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	2.21	Rating **	M	Issue No.	103
LM End	2.21	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472238 °	38.472238 °
				-121.512032 °	-121.512032 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22709					
DS_ID:21665					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 5-inch steel irrigation pipe through the levee					
2.0-feet below the crown. Pipe open on both ends. Originally included					
in the 1959 O&M manual.					
FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_22709_38412.jpg



Pipe visible on LS shoulder.

LM Start	2.21	Rating **	M	Issue No.	103 (cont)
LM End	2.21	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_22709_38411.jpg



Pipe visible on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	2.41	Rating **	C	Issue No.	74
LM End	2.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.471138 °	38.470410 °
				-121.508590 °	-121.507422 °
DWR ID	DWR_RD0307_01_s_2016_74				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the bamboo from the waterside shoulder and slope.					

No Photos

LM Start	2.42	Rating **	M	Issue No.	113
LM End	2.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.471093 °	38.471093 °
				-121.508429 °	-121.508429 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40794					
DS_ID:21667					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and if so should be done so properly.					
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 3.0 feet below the crown. Pump and gate valve on the waterward slope. 36-inch concrete standpipe on LS toe. Originally included in the 1959 O&M manual.					
FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_40794_28823.jpg



Pump and gate valve on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	2.42	Rating **	M	Issue No.	113 (cont)	
LM End	2.42	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.471093 °	38.471093 °	
				-121.508429 °	-121.508429 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40794						
DS_ID:21667						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe appears abandoned and if so should be done so properly.						
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 3.0 feet below the crown. Pump and gate valve on the waterward slope. 36-inch concrete standpipe on LS toe. Originally included in the 1959 O&M manual.						
FS Date: 7/31/2013						

Photo 2 of 2 : UCIP_FA_2016_40794_28822.jpg



Pump and gate valve on WS slope.

LM Start	2.43	Rating **	M	Issue No.	75
LM End	2.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.470995 °	38.470720 °
				-121.508323 °	-121.507823 °
DWR ID	DWR_RD0307_01_f_2016_75				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	2.73	Rating **	M	Issue No.	101
LM End	2.73	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.467404 °	38.467404 °
				-121.505681 °	-121.505681 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16815					
DS_ID:21671					
EP_NO: 8023					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Appears abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee					
13.7 feet below the crown. Pump and gate valve in pump house on the					
landward toe. 4'X2.5' concrete distribution box off LS toe. Service pole					
and anchor on the landward slope (Permit No. 8023, 1972). Included in					
the 1959 O&M manual.					
FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_16815_28850.jpg



Pumphouse on LS toe.

LM Start	2.73	Rating **	M	Issue No.	101 (cont)
LM End	2.73	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2016_16815_28849.jpg



Pump and gate valve inside pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	2.95	Rating **	M	Issue No.	77
LM End	2.95	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.464228 °	38.464228 °	
			-121.505358 °	-121.505358 °	
DWR ID	DWR_RD0307_01_f_2016_77				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	2.95	Rating **	C	Issue No.	65
LM End	2.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.464142 °	38.463803 °	
			-121.505340 °	-121.505290 °	
DWR ID	DWR_RD0307_01_f_2015_65				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.99	Rating **	C	Issue No.	76
LM End	2.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.463562 °	38.463562 °	
			-121.505272 °	-121.505272 °	
DWR ID	DWR_RD0307_01_s_2016_76				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	3.19	Rating **	U	Issue No.	79
LM End	3.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460690 °	38.460690 °
				-121.504650 °	-121.504650 °
DWR ID	DWR_RD0307_01_s_2016_79				
Comment Code					
FE : Fence					
Inspector Comment					
There is no CVFPB Permit for this encroachment. It need to be removed or apply for Permit to retain.					

Photo 1 of 1 : FA_2016_RD0307_166_79_20160913_00018.jpg



Looking down the landside slope and shoulder of levee mile 3.19 new replacement of a solid wall wooden fence.

LM Start	3.44	Rating **	M	Issue No.	21
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.457192 °	38.455917 °
				-121.503923 °	-121.503505 °
DWR ID	DWR_RD0307_01_f_2014_21				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate the rodent and backfill the burrows.					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	3.44	Rating **	M	Issue No.	102
LM End	3.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457182 °	38.457182 °
				-121.503847 °	-121.503847 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16843					
DS_ID:21677					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No access to pumphouse as fence is within 10-feet of toe.					
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 11.8 feet below the crown. Pump house on the landward toe. 48-inch diameter concrete standpipe just off LS toe. Originally included in the 1959 O&M manual.					
FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_16843_28881.jpg



Pumphouse on LS toe. No access due to fence along toe.

LM Start	3.44	Rating **	M	Issue No.	102 (cont)
LM End	3.44	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_16843_28880.jpg



Pipe visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	3.53	Rating **	M	Issue No.	22
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.455917 °	38.455917 °
				-121.503510 °	-121.503505 °
DWR ID	DWR_RD0307_01_f_2014_22				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim the tree to allow visibility of the ground.					

No Photos

LM Start	3.55	Rating **	M	Issue No.	23
LM End	3.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.455637 °	38.454863 °
				-121.503400 °	-121.503225 °
DWR ID	DWR_RD0307_01_f_2014_23				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove the fig tree from the levee slope landside levee section.					

No Photos

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	3.60	Rating **	M	Issue No.	92
LM End	3.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454939 °	38.454939 °
				-121.503146 °	-121.503146 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16923					
DS_ID:21679					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Gate valve does not function on WS slope. Pipe and pump appear to be abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 7-inch steel irrigation pipe through the levee 14.7 feet below the crown. Pump in pumphouse on LS toe. Gate valve on the WS slope and at pumphouse on the LS toe. Air vent on pipe at WS toe near waterline. Originally included in the 1959 O&M manual.					
FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_16923_28978.jpg



Gate valve actuator on WS slope.

LM Start	3.60	Rating **	M	Issue No.	92 (cont)
LM End	3.60	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_16923_28977.jpg



Pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	3.65	Rating **	M	Issue No.	93
LM End	3.65	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454154 °	38.454154 °
				-121.502939 °	-121.502939 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16924 DS_ID:21680 EP_NO: 8030 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe not visible on LS slope or toe due to excessive vegetation. Vegetation should be cleared from pipe. FIELD_STRUCT_DESC: 1 of 2: 12-inch steel irrigation pipe through the levee 6-feet below the crown. Walkway on WS slope to a pump on a pile structure in the stream. JP and meter on LS toe. Pipe appears to cross levee at an angle. (Permit No. 8030, 1972). Included in the 1959 O&M manual. FS Date: 7/31/2013					

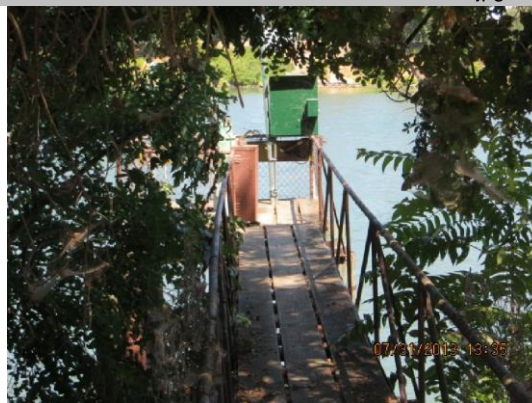
LM Start	3.65	Rating **	M	Issue No.	93 (cont)
LM End	3.65	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_16924_28982.jpg



Pipe and walkway visible on WS slope.

Photo 2 of 2 : UCIP_FA_2016_16924_28981.jpg



Pump and electrical controls on Pier at WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	3.66	Rating **	M	Issue No.	94
LM End	3.66	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454154 °	38.454154 °
				-121.502939 °	-121.502939 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16925 DS_ID:21723 EP_NO: 8030 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Excessive vegetation should be cleared from conduit and JP on LS toe. FIELD_STRUCT_DESC: 2 of 2: 1.5-inch conduit through levee 6.0 feet below crown. Walkway on WS slope to pump on a pile structure. Meter on JP at LS toe (Permit No. 8030, 1972) FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_16925_28984.jpg



Conduit visible on WS slope.

Photo 2 of 2 : UCIP_FA_2016_16925_28983.jpg



JP and meter on LS toe.

LM Start	3.66	Rating **	M	Issue No.	94 (cont)
LM End	3.66	Issue Type +	En	Location *	LS

*** Location**

LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	3.67	Rating **	M	Issue No.	107
LM End	3.67	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.453882 °	38.453882 °
				-121.502890 °	-121.502890 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22669 DS_ID:21681 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 6-inch pipe through the levee 16.5 feet below the crown. Wooden plate bolted on landward end. Unable to locate pipe but found USAA markings for 6-inch 7/31/2013. Originally included in the 1959 O&M manual. FS Date: 7/31/2013					

No Photos

LM Start	3.86	Rating **	M	Issue No.	24
LM End	3.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.451123 °	38.451123 °
				-121.502622 °	-121.502622 °
DWR ID	DWR_RD0307_01_f_2014_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cutup tee limbs from the waterside shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	3.90	Rating **	U	Issue No.	100
LM End	3.90	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.450575 °	38.450575 °
				-121.502580 °	-121.502580 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16983 DS_ID:21682 EP_NO: 8034 Repair Type: Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. Walkway to pier is falling apart and is an attractive nuisance. Pipe rusted through at riser on LS toe. FIELD_STRUCT_DESC: 1 of 2: 14-inch steel irrigation pipe through the levee 13.0 feet below the crown. Pump on pile structure with walkway on WS slope. Gate valve at the waterward toe and a 48-inch concrete standpipe on the LS toe. Sheet pile wall around base of metal pier at WS toe (Permit No. 8034, 1972). Included in the 1959 O&M manual. FS Date: 8/6/2013 3:32:15 PM					

Photo 1 of 2 : UCIP_FA_2016_16983_29022.jpg



Metal walkway to pump on pier and gate valve actuator on WS slope.

LM Start	3.90	Rating **	U	Issue No.	100 (cont)
LM End	3.90	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2016_16983_29021.jpg



Sheet pile wall at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	3.99	Rating **	M	Issue No.	91
LM End	3.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.449382 °	38.449382 °
				-121.502625 °	-121.502625 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17408 DS_ID:21725 EP_NO: 8037 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: need to update with notes from inspector. FIELD_STRUCT_DESC: 2 of 2: *Removed* 1.5-inch conduit through levee 15.0 feet below crown. Pump and gate valve on the waterward slope (Permit No. 8037, 1972). Pipe removed in 2012 under Permit No. 18461. FS Date: 7/31/2013					

No Photos

LM Start	4.07	Rating **	U	Issue No.	86
LM End	4.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.448191 °	38.448191 °
				-121.502653 °	-121.502653 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17128 DS_ID:21684 EP_NO: 8038 Repair Type: Urgent Crossing Status: Found UCIP Comments: Wooden lid on 5-foot Diam. CMP riser rotten and could collapse. This could create a hazard for the public and should be replaced. Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 13.5 feet below the crown. Gate valve in 5-foot diameter corrugated metal pipe riser on the waterward slope. Power pole and meter at LS toe (Permit No. 8038, 1972). Included in the 1959 O&M manual. FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_17128_29261.jpg



Wooden lid at gate valve in CMP riser on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	4.07	Rating **	U	Issue No.	86 (cont)	
LM End	4.07	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.448191 °		38.448191 °
				-121.502653 °		-121.502653 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17128 DS_ID:21684 EP_NO: 8038 Repair Type: Urgent Crossing Status: Found UCIP Comments: Wooden lid on 5-foot Diam. CMP riser rotten and could collapse. This could create a hazard for the public and should be replaced. Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 13.5 feet below the crown. Gate valve in 5-foot diameter corrugated metal pipe riser on the waterward slope. Power pole and meter at LS toe (Permit No. 8038, 1972). Included in the 1959 O&M manual. FS Date: 7/31/2013						

Photo 2 of 2 : UCIP_FA_2016_17128_29260.jpg



Power Pole, meter, and pumphouse on LS toe.

LM Start	4.11	Rating **	M	Issue No.	108
LM End	4.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.447562 °	38.447562 °
				-121.502681 °	-121.502681 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22670 DS_ID:21685 EP_NO: 8039 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No lid on CMP riser on WS slope. this could create a hazard for the public. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 12.0 feet below the crown. Gate valve in 6-foot diameter CMP riser on WS slope. Pump and gate valve in pumphouse on LS toe (Permit No. 8039, 1972). Included in the 1959 O&M manual. FS Date: 7/31/2013					

Photo 1 of 2 : UCIP_FA_2016_22670_38290.jpg



Slide gate in riser on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	4.11	Rating **	M	Issue No.	108 (cont)
LM End	4.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.447562 °	38.447562 °
				-121.502681 °	-121.502681 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22670					
DS_ID:21685					
EP_NO: 8039					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No lid on CMP riser on WS slope. this could create a hazard for the public.					
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 12.0 feet below the crown. Gate valve in 6-foot diameter CMP riser on WS slope. Pump and gate valve in pumphouse on LS toe (Permit No. 8039, 1972). Included in the 1959 O&M manual.					
FS Date: 7/31/2013					

Photo 2 of 2 : UCIP_FA_2016_22670_38289.jpg



Pipe visible on WS slope.

LM Start	4.11	Rating **	M	Issue No.	81
LM End	4.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.447498 °	38.447182 °
				-121.502757 °	-121.502762 °
DWR ID	DWR_RD0307_01_f_2016_81				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Berry VINES.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	4.12	Rating **	M	Issue No.	25
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.447455 °	38.447323 °
				-121.502772 °	-121.502767 °
DWR ID	DWR_RD0307_01_f_2015_25				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the blackberries from the landside levee slope.					

No Photos

LM Start	4.31	Rating **	U	Issue No.	26
LM End	4.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.444612 °	38.444612 °
				-121.503100 °	-121.503100 °
DWR ID	DWR_RD0307_01_f_2014_26				
Comment Code					
BU : Building					
Inspector Comment					
This pumphouse was built without a permit, the district is aware of the encroachment.					

Photo 1 of 1 : FA_2016_RD0307_166_26_20160913_00007.jpg



This pump house was built without CVFPB Permit.

LM Start	4.39	Rating **	U	Issue No.	27
LM End	4.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.443517 °	38.443517 °
				-121.503338 °	-121.503338 °
DWR ID	DWR_RD0307_01_f_2014_27				
Comment Code					
CR : Crops					
Inspector Comment					
There are grapes planted on the levee slope landside without permit from the CVFPB. This issue has been reported and recorded in previous inspections.					

Photo 1 of 1 : FA_2016_RD0307_166_27_20160913_00008.jpg



Unwanted grapes placed on levee slope, these grapes has been reported to both district and CVFPB. No permit.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	4.46	Rating **	M	Issue No.	87
LM End	4.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.442515 °	38.442515 °
				-121.503620 °	-121.503620 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17183 DS_ID:21690 EP_NO: 8041 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. Gate valve has been removed from pipe on LS toe. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 13.5 feet below the crown. Pump and-gate valve in pump house on the landward slope. Gate valve on WS slope. Service pole and anchor on the landward slope (Permit No. 8041, 1972). Included in the 1959 O&M manual. FS Date: 8/6/2013					

LM Start	4.46	Rating **	M	Issue No.	87 (cont)
LM End	4.46	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_17183_29321.jpg



Pumphouse for 6-inch pipe at LS toe.

Photo 2 of 2 : UCIP_FA_2016_17183_29320.jpg



Gate valve on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	4.58	Rating **	M	Issue No.	80
LM End	4.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.440975 °	38.440975 °
				-121.504545 °	-121.504545 °
DWR ID	DWR_RD0307_01_s_2016_80				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside shoulder.					

No Photos

LM Start	4.58	Rating **	M	Issue No.	88
LM End	4.58	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.440915 °	38.440915 °
				-121.504524 °	-121.504524 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17184					
DS_ID:21691					
EP_NO: 8561					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
Gate valve on LS toe broken.					
FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee					
12.8 feet below the crown. Pump, gate valve, and 6'X8' concrete					
distribution box on LS toe. Gate valve on the waterward slope (Permit					
No. 8561, 1973). Included in the 1959 O&M manual.					
FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2016_17184_29326.jpg



Pipe and gate valve on WS slope just downstream from stairs.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	4.58	Rating **	M	Issue No.	88 (cont)	
LM End	4.58	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.440915 °	38.440915 °	
				-121.504524 °	-121.504524 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17184						
DS_ID:21691						
EP_NO: 8561						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
Gate valve on LS toe broken.						
FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee						
12.8 feet below the crown. Pump, gate valve, and 6'X8' concrete						
distribution box on LS toe. Gate valve on the waterward slope (Permit						
No. 8561, 1973). Included in the 1959 O&M manual.						
FS Date: 8/6/2013						

Photo 2 of 2 : UCIP_FA_2016_17184_29325.jpg



Gate valve on WS slope.

LM Start	4.82	Rating **	M	Issue No.	109
LM End	4.82	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.438390 °	38.438390 °
				-121.507323 °	-121.507323 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22671 DS_ID:21693 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 2: 6-inch steel irrigation pipe through the levee 1.5 feet below the crown Originally included in the 1959 O&M manual. FS Date: 8/6/2013					

Photo 1 of 1 : UCIP_FA_2016_22671_38293.jpg



Pipe visible on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	4.82	Rating **	M	Issue No.	110
LM End	4.82	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.438390 °	38.438390 °
				-121.507323 °	-121.507323 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22672					
DS_ID:21726					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 2 of 2: 1-inch conduit through levee 1.5 feet below crown.					
FS Date: 8/6/2013					

Photo 1 of 1 : UCIP_FA_2016_22672_38296.jpg



Abandoned electrical conduit next to pipe on LS slope.

LM Start	5.23	Rating **	M	Issue No.	104
LM End	5.23	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435901 °	38.435901 °
				-121.514233 °	-121.514233 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22710 DS_ID:21698 EP_NO: 8048 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through levee 14.5 feet below crown. Gate valve in 5-foot diameter CMP riser on the WS slope. Pump and gate valve in pumphouse on LS toe. 36-inch concrete standpipe on LS of pumphouse (Permit No. 8048, 1972). Included in the 1959 O&M manual. FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2016_22710_38415.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	5.23	Rating **	M	Issue No.	104 (cont)	
LM End	5.23	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.435901 °		38.435901 °
				-121.514233 °		-121.514233 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:22710 DS_ID:21698 EP_NO: 8048 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through levee 14.5 feet below crown. Gate valve in 5-foot diameter CMP riser on the WS slope. Pump and gate valve in pumphouse on LS toe. 36-inch concrete standpipe on LS of pumphouse (Permit No. 8048, 1972). Included in the 1959 O&M manual. FS Date: 8/6/2013						

Photo 2 of 2 : UCIP_FA_2016_22710_38414.jpg



Pipe visible on WS slope.

LM Start	5.30	Rating **	U	Issue No.	28
LM End	5.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.435747 °	38.435680 °
				-121.515576 °	-121.516627 °
DWR ID	DWR_RD0307_01_f_2014_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Unauthorized planting of small oleander trees on the shoulder and young fig trees placed on the landside levee toe. Remove these encroachments.					

Photo 1 of 5 : FA_2016_RD0307_166_28_20161027_00101.jpg



RD 307 looking back upstream at the levee toe and slope are young unauthorized red woods and one taller redwood planted prior to this inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	5.30	Rating **	U	Issue No.	28 (cont)	
LM End	5.36	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.435747 °		38.435680 °
				-121.515576 °		-121.516627 °
DWR ID	DWR_RD0307_01_f_2014_28					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Unauthorized planting of small oleander trees on the shoulder and young fig trees placed on the landside levee toe. Remove these encroachments.						

LM Start	5.30	Rating **	U	Issue No.	28 (cont)
LM End	5.36	Issue Type +	En	Location *	LS

LM Start	5.30	Rating **	U	Issue No.	28 (cont)
LM End	5.36	Issue Type +	En	Location *	LS

Photo 2 of 5 : FA_2016_RD0307_166_28_20160913_00010.jpg



Looking upstream landside slope and toe trees planted on the levee section.

Photo 3 of 5 : FA_2016_RD0307_166_28_20161027_00102.jpg



RD 307 Landside looking downstream top of slope, unauthorized planting of young oleanders and young fig trees.

Photo 4 of 5 : FA_2016_RD0307_166_28_20161027_00103.jpg



RD 307 Looking downstream levee slope and toe are young unauthorized fig trees.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	5.30	Rating **	U	Issue No.	28 (cont)	
LM End	5.36	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.435747 °		38.435680 °
				-121.515576 °		-121.516627 °
DWR ID	DWR_RD0307_01_f_2014_28					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Unauthorized planting of small oleander trees on the shoulder and young fig trees placed on the landside levee toe. Remove these encroachments.						

Photo 5 of 5 : FA_2016_RD0307_166_28_20161027_00104.jpg



RD 307 Looking downstream from the levee slope and toe are more young unauthorized fig trees.

LM Start	5.37	Rating **	M	Issue No.	111
LM End	5.37	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435613 °	38.435613 °
				-121.516860 °	-121.516860 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40546					
DS_ID:21700					
EP_NO: 8049					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No access due to vegetative cover. Appears abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 14.5-feet below the crown. Pump house on the LS toe. Gate valve and in 5-foot diameter corrugated metal pipe riser on the WS slope. Originally included in the 1959 O&M manual (Permit No. 8049).					
FS Date: 8/6/2013					

Photo 1 of 2 : UCIP_FA_2016_40546_29421.jpg



Pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	5.37	Rating **	M	Issue No.	111 (cont)	
LM End	5.37	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.435613 °	38.435613 °	
				-121.516860 °	-121.516860 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40546						
DS_ID:21700						
EP_NO: 8049						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No access due to vegetative cover. Appears abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 14.5-feet below the crown. Pump house on the LS toe. Gate valve and in 5-foot diameter corrugated metal pipe riser on the WS slope. Originally included in the 1959 O&M manual (Permit No. 8049). FS Date: 8/6/2013						

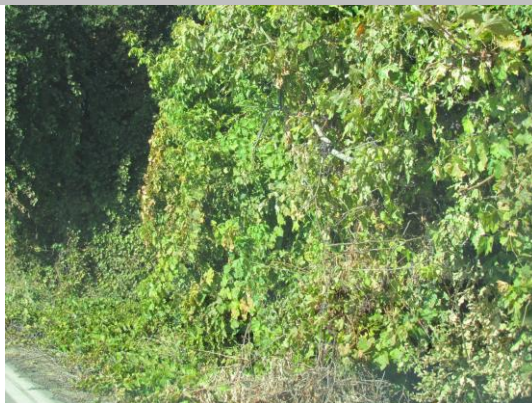
Photo 2 of 2 : UCIP_FA_2016_40546_29420.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

LM Start	5.39	Rating **	U	Issue No.	66
LM End	5.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435602 °	38.435653 °
				-121.517151 °	-121.519035 °
DWR ID	DWR_RD0307_01_f_2016_66				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild grapes from the landside levee slope and shoulder.					

Photo 1 of 1 : FA_2016_RD0307_166_66_20161027_00105.jpg



RD 307 levee mile 5.39-5.49 landside shoulder and slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	5.48	Rating **	M	Issue No.	98
LM End	5.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435622 °	38.435622 °
				-121.518829 °	-121.518829 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17287 DS_ID:21701 EP_NO: 8050 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Lid damaged on 5ft diameter riser on WS slope. Good candidate for video inspection as repair to pipe on LS toe is good indicator that pipe is failing internally. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 12.7 feet below the crown. Pump, vent, butterfly valve, 36-inch concrete standpipe, and power pole at LS toe. Gate valve in 5-foot diameter CMP riser on waterward slope (Permit No. 8050, 1972). Included in the 1959 O&M manual. FS Date: 8/7/2013					

Photo 1 of 2 : UCIP_FA_2016_17287_29423.jpg



Pump and appurtenances on LS toe.

LM Start	5.48	Rating **	M	Issue No.	98 (cont)
LM End	5.48	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_17287_29422.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	5.50	Rating **	M	Issue No.	30
LM End	5.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.435608 °	38.435657 °
				-121.519147 °	-121.519652 °
DWR ID	DWR_RD0307_01_f_2014_30				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Need bait stations along the slope where rodents are active.					

No Photos

LM Start	5.68	Rating **	M	Issue No.	99
LM End	5.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435816 °	38.435816 °
				-121.522560 °	-121.522560 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17343 DS_ID:21702 EP_NO: 8051 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 16.8 feet below the crown. Pump, vent, Power pole, and gate valve on the LS toe. 36-inch concrete standpipe next to pump on LS toe (Permit No. 8051, 1972). 8-inch steel pipe sleeved through 10-inch. Originally included in the 1959 O&M manual. FS Date: 8/7/2013					

Photo 1 of 2 : UCIP_FA_2016_17343_29442.jpg



Pipe visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	5.68	Rating **	M	Issue No.	99 (cont)
LM End	5.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435816 °	38.435816 °
				-121.522560 °	-121.522560 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17343 DS_ID:21702 EP_NO: 8051 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 16.8 feet below the crown. Pump, vent, Power pole, and gate valve on the LS toe. 36-inch concrete standpipe next to pump on LS toe (Permit No. 8051, 1972). 8-inch steel pipe sleeved through 10-inch. Originally included in the 1959 O&M manual. FS Date: 8/7/2013					

Photo 2 of 2 : UCIP_FA_2016_17343_29441.jpg



Pump, butterfly valve, vent, and concrete standpipe on LS toe.

LM Start	5.99	Rating **	M	Issue No.	105
LM End	5.99	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.436038 °	38.436038 °
				-121.528107 °	-121.528107 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22711 DS_ID:21713 EP_NO: 6519 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1.5-inch electrical conduit through the levee 1.0-foot below the crown. Slant pump and electrical panel on WS slope and a power pole and meter on the LS toe (Permit No. 6519, 1970). FS Date: 8/7/2013 10:24:00 AM					

Photo 1 of 2 : UCIP_FA_2016_22711_38419.jpg



Power pole and meter off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	5.99	Rating **	M	Issue No.	105 (cont)
LM End	5.99	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.436038 °	38.436038 °
				-121.528107 °	-121.528107 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22711 DS_ID:21713 EP_NO: 6519 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1.5-inch electrical conduit through the levee 1.0-foot below the crown. Slant pump and electrical panel on WS slope and a power pole and meter on the LS toe (Permit No. 6519, 1970). FS Date: 8/7/2013 10:24:00 AM					

Photo 2 of 2 : UCIP_FA_2016_22711_38418.jpg



Electrical conduit visible at panel next to slant pump on WS slope.

LM Start	5.99	Rating **	M	Issue No.	106
LM End	5.99	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.436038 °	38.436038 °
				-121.528107 °	-121.528107 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22712 DS_ID:21732 EP_NO: 8053 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 20-inch steel irrigation pipe through the levee 14.7 feet below the crown. 16-inch pipe sleeved through 20-inch. Slant pump and gate valve on the waterward slope. Gate valve, power pole, and electric panel on LS toe (Permit No. 8053, 1972). Originally included in the 1959 O&M manual. FS Date: 8/7/2013					

Photo 1 of 2 : UCIP_FA_2016_22712_38422.jpg



Pipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	5.99	Rating **	M	Issue No.	106 (cont)	
LM End	5.99	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.436038 °		38.436038 °
				-121.528107 °		-121.528107 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:22712 DS_ID:21732 EP_NO: 8053 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 20-inch steel irrigation pipe through the levee 14.7 feet below the crown. 16-inch pipe sleeved through 20-inch. Slant pump and gate valve on the waterward slope. Gate valve, power pole, and electric panel on LS toe (Permit No. 8053, 1972). Originally included in the 1959 O&M manual. FS Date: 8/7/2013						

Photo 2 of 2 : UCIP_FA_2016_22712_38421.jpg



Pipe, power pole, and meter on LS toe.

LM Start	6.19	Rating **	M	Issue No.	2	
LM End	6.38	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2015 USACE Erosion Survey, DRAFT			38.434560	° 38.432287	
				-121.531159	° -121.532978	
DWR ID	DWR_RD0307_01_s_2016_2					
Comment Code						
Inspector Comment						
2008 - Large rotational failure in bank and well into the levee slope. Could be a significant problem in the next high flow event. 2009 - Minimal new erosion, site extended upstream. 2010 - Minor new erosion. 2011 - Tree popout has left a large hole. Large slump area. Rock on the bank is failing in some locations. 2012 - The toe appears to be scouring out. 2015: No observed changes. [2015 Site ID: SAC_43-2 R]						

Photo 1 of 1 : FA_2016_RD0307_166_2_20160913_00002.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	6.40	Rating **	M	Issue No.	89
LM End	6.40	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.432040 °	38.432040 °
				-121.533290 °	-121.533290 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17385					
DS_ID:21706					
EP_NO: 8057					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 13.8 feet below the crown. Pump and gate valve in pumphouse on the LS toe (Permit No. 8057, 1972). Originally included in the 1959 O&M manual.					
FS Date: 8/7/2013					

LM Start	6.40	Rating **	M	Issue No.	89 (cont)
LM End	6.40	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_17385_29489.jpg



Pump and gate valve inside pumphouse on LS toe.

Photo 2 of 2 : UCIP_FA_2016_17385_29488.jpg



Pump and gate valve inside pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

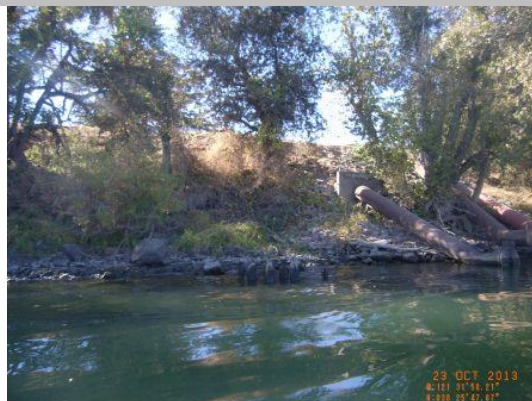
Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	6.42	Rating **	M	Issue No.	8
LM End	6.55	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.431726 °	38.429957 °
				-121.533200 °	-121.533035 °
DWR ID	DWR_RD0307_01_s_2016_8				
Comment Code					
Inspector Comment					
2011 - Erosion pockets likely from tree popouts. This site has been in the inventory before and been fixed with emergency bank rock but continues to fail. 2015: No observed changes. [2015 Site ID: SAC_43-1_R]					

Photo 1 of 1 : FA_2016_RD0307_166_8_20160913_00004.jpg



USACE 2013 Photo #1

LM Start	6.54	Rating **	M	Issue No.	90
LM End	6.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430122 °	38.430122 °
				-121.533294 °	-121.533294 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17404 DS_ID:21707 EP_NO: 4096 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve inaccessible to do fallen tree debris on steel platform. FIELD_STRUCT_DESC: *ABANDONED* 36-inch steel drain pipe through the levee 6-feet below the crown. Gate valve located just off LS toe on Steel platform. Pumping plant and trash rack located 200-feet off LS toe. Flap gate on the waterward end (Permit No. 4096, 1962). Replaced 36-inch pipe that was grouted in place at same location. FS Date: 8/7/2013					

Photo 1 of 2 : UCIP_FA_2016_17404_29504.jpg



Pipe visible on LS toe to pumping plant 200-feet off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/26/2016 10/26/2016	Herman Phillips

LM Start	6.54	Rating **	M	Issue No.	90 (cont)
LM End	6.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430122 °	38.430122 °
				-121.533294 °	-121.533294 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17404 DS_ID:21707 EP_NO: 4096 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve inaccessible to do fallen tree debris on steel platform. FIELD_STRUCT_DESC: *ABANDONED* 36-inch steel drain pipe through the levee 6-feet below the crown. Gate valve located just off LS toe on Steel platform. Pumping plant and trash rack located 200-feet off LS toe. Flap gate on the waterward end (Permit No. 4096, 1962). Replaced 36-inch pipe that was grouted in place at same location. FS Date: 8/7/2013					

Photo 2 of 2 : UCIP_FA_2016_17404_29503.jpg



Animal activity/burrows under pipe on LS at various locations.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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